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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 18, 2004

Signature:

Mary Jane DiPalma
(Mary Jane DiPalma)

DT03 Rec PCT/PTO 22 NOV 2004

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Brors et al.

Attorney Docket No.: VOSS-P01-011

Application No.: 10/509275

Group Art Unit: Not yet assigned

Filed: September 27, 2004

Examiner: Not yet assigned

For: METHOD AND SYSTEM FOR
DETERMINING ABSOLUTE MRNA
QUANTITIES

ASSERTION OF SMALL ENTITY STATUS UNDER 37 CFR § 1.27(C)
AND REQUEST FOR REFUND UNDER 37 CFR § 1.28

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby notify the Patent Office that Applicant is a small entity as defined within the meaning of 37 CFR § 1.27(a), and existed as a small entity at the time of payment of the fee as herein below described. Accordingly, Applicant is entitled to payment of reduced fees under 37 CFR § 1.27(b).

On September 27, 2004 a filing fee was paid for the above-referenced patent application in which Applicant was mistakenly identified as a large entity. As a result the United States Patent and Trademark Office was incorrectly authorized to withdraw the large entity fee of \$1,210.00 instead of the small entity fee of \$605.00. Enclosed herewith is a copy of the Fee Transmittal as submitted on September 27, 2004, on which the incorrectly authorized fee is highlighted for your convenience.

The undersigned authorizes the credit of \$605.00 to our Deposit Account No. 18-1945.

Dated: November 18, 2004

Respectfully submitted,

By

David P. Halstead

David P. Halstead, Ph.D.

Registration No.: 44,735

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FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER VOSS-P01-011	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. PCT/EP03/03291		INTERNATIONAL FILING DATE 28 March 2003		PRIORITY DATE CLAIMED 28 March 2002	
TITLE OF INVENTION METHOD AND SYSTEM FOR DETERMINING ABSOLUTE MRNA QUANTITIES					
APPLICANT(S) FOR DO/EO/US Brors et al.					

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment. (4 pages)
14. ☒ An Application Data Sheet under 37 CFR 1.76. (3 pages)
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☒ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **Return Receipt Postcard (1)
Certificate of Express Mail (1 page)**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/EP03/03291	ATTORNEY'S DOCKET NUMBER VOSS-P01-011
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21. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1080.00

☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00

☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	17-20 =		x
Independent claims	2-3 =		x
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 290.00
TOTAL OF ABOVE CALCULATIONS =			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			
SUBTOTAL =			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			
TOTAL NATIONAL FEE =			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+
TOTAL FEES ENCLOSED =			

CALCULATIONS PTO USE ONLY

\$ 920.00	
\$	
\$ 0.00	
\$ 0.00	
\$ 290.00	
\$ 1,210.00	
\$	
\$	
\$	
\$ 1,210.00	
\$	
\$ 1,210.00	
Amount to be refunded:	\$
charged:	\$

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 18-1945 in the amount of \$ 1,210.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-1945. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Edward J. Kelly
ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110-2624
(617) 951-7532
CUSTOMER NUMBER: 28120

SIGNATURE: _____
David P. Halstead, Ph.D.

NAME _____

44,735

REGISTRATION NUMBER _____